

HANDLE VIA
TALENT-KEYHOLE
CONTROL SYSTEM ONLY

Approved For Release 2001/11/19 : CIA-RDP78B04747A001900020020-8

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DECLASS REVIEW by NIMA/DOD

TCS-15242/66
15 November 1966

Copy No. 8

MEMORANDUM FOR: See Distribution

25X1A SUBJECT: [REDACTED] Conceptual Design
for Integrated Information System (IIS)

25X1A REFERENCE: [REDACTED] Report, SCR 288

1. The comments received from the various components of NPIC regarding the [REDACTED] SCR 288, "Conceptual Design and Functional Specifications for Integrated Information System (IIS)," have been reviewed by the contractor.

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2. Three major areas of general concern were surfaced by the comments:

- a. the range of assumptions
- b. the preparation of briefing boards and notes
- c. the potential impact of the proposed National Imagery Exploitation Information Base.

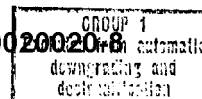
25X1A 3. [REDACTED] has made an analysis of these areas of concern and has
25X1A produced a supplement to SCR 288. A copy of this supplement is
attached. Distribution is being made to all recipients of SCR 288.
[REDACTED] has responded to the individual comments, and their response is
attached.

4. It should be noted in Supplement 1 to SCR 288, that the range of assumptions has little effect on the basic concepts of the IIS. The upper and lower bounds of the data processing problem under the range of assumptions are such that the same data processing concept is justified. The assumptions will play a much greater role in the selection of alternate techniques for implementing these concepts, but they do not become

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critical until the time comes to purchase the specialized equipment required. In any event, the system will be designed in modular fashion such that additional equipment can easily be added to accommodate increasing workloads. All equipment will be procured initially in pilot quantities.

25X1A 5. Approval has been received from the Executive Director-Comptroller, CIA, to negotiate a contract with [REDACTED] for Phase II, i.e., "Detailed Design and Specifications." Planning for Phase II is well under way, and it is hoped that contract negotiations will be completed before the end of November. Phase II will involve (as a preliminary step to preparing detailed specifications) detailed analysis of various methods for implementing the concepts developed during Phase I. This analysis will result in a series of at least 15 informal memoranda, specifying quantitative design parameters, analyzing alternative methods, and selecting the most advantageous method for performing the functions specified in the conceptual design.

6. Each component will be expected to work closely with [REDACTED] personnel during the analysis of these functions and during the selection of the most effective methods for their implementation. In this way, the final memoranda should reflect both the acceptable configuration requirements for the production process and the acceptable alternate implementation solutions. Under the terms of the contract, the memoranda will be delivered as completed during the third through the seventh months of the contract. As they are delivered, each component affected will be asked for formal written concurrence with the recommendations.

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7. NPIC as a whole will be required to accept or reject the proposals within 10 working days of their receipt. The procedure above has been established to insure that full coordination and support of the solutions recommended can be obtained on time prior to the development of detailed specifications for the hardware and software required for the implementation. From the NPIC acceptance forward, the main framework

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of the Integrated Information System will be frozen and it will be too late to make any but the most minor changes to the system design. It is therefore imperative that careful study and considered responses be forthcoming during the early phases of Phase II when the basic alternatives are being developed and evaluated.

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[REDACTED]
Chief, Information Processing Division, NPIC

Attachments:

1. TCS-84727/66
2. As indicated below
by TCS number

Distribution: NPIC Components

- Copy 1 - C/IAD w/atts (TCS-15243/66)
- 2 - C/TID w/atts (TCS-15244/66)
- 3 - C/CSD w/atts (TCS-15245/66)
- 4 - Asst for Ops w/atts (TCS-15246/66)
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MATERIAL DATE 15 Nov 66	DATE IN 22 Nov 66	DATE OUT	FILE CLASSIFICATION																		
SUBJECT <div style="background-color: black; width: 200px; height: 1.2em; margin-bottom: 0.5em;"></div> Con- ceptual Design For Integrated Information System (IIS)* (Attachments: TCS 84727/66 TCS 15250/66)			<table border="1"> <thead> <tr> <th>ROUTING</th> <th>DATE SENT</th> </tr> </thead> <tbody> <tr> <td rowspan="3"><div style="background-color: black; width: 100px; height: 40px;"></div></td> <td>23 Nov 66</td> </tr> <tr> <td>28 Nov 66</td> </tr> <tr> <td>29 Nov 66</td> </tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </tbody> </table>	ROUTING	DATE SENT	<div style="background-color: black; width: 100px; height: 40px;"></div>	23 Nov 66	28 Nov 66	29 Nov 66												
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C/Dir Staff							

Handle Via Indicated Controls

TALENT-KEYHOLE

12/5
copy #3 of
TCS 84727/66 25X1A
to Log - [REDACTED]

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Interesting
piece - 7/11
concerned about
the short deadlines
for reaction to the
various memoranda.
We must keep
constantly alert

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WARNING

This document contains information affecting the national security of the United States within the meaning of the espionage laws U. S. Code Title 18, Sections 793 and 794. The law prohibits its transmission or the revelation of its contents in any manner to an unauthorized person, as well as its use in any manner prejudicial to the safety or interest of the United States or for the benefit of any foreign government to the detriment of the United States. It is to be seen only by personnel especially indoctrinated and authorized to receive information in the designated control channels. Its security must be maintained in accordance with regulations pertaining to TALENT-KEYHOLE Control System.

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GROUP 1
Excluded from automatic
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